

Application No.: 10/781,989

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Docket No.: 415142000303

**AMENDMENTS TO THE ABSTRACT****Please replace the Abstract with the following Abstract:**

--The immunoglobulins of the present invention are useful therapeutic immunoglobulins against mucosal pathogens such as *S. mutans*. The immunoglobulins contain a protection protein that protects the immunoglobulins in the mucosal environment. The invention also includes the greatly improved method of producing immunoglobulins in plants by producing the protection protein in the same cell as the other components of the immunoglobulins. The components of the immunoglobulin are assembled at a much improved efficiency. The method of the invention allows the assembly and high efficiency production of such complex molecules. The invention also contemplates the production of immunoglobulins containing protection proteins in a variety of cells, including plant cells, that can be selected for useful additional properties. The use of immunoglobulins containing protection proteins as therapeutic antibodies against mucosal and other pathogens is also contemplated.--

sf-2058716 v4